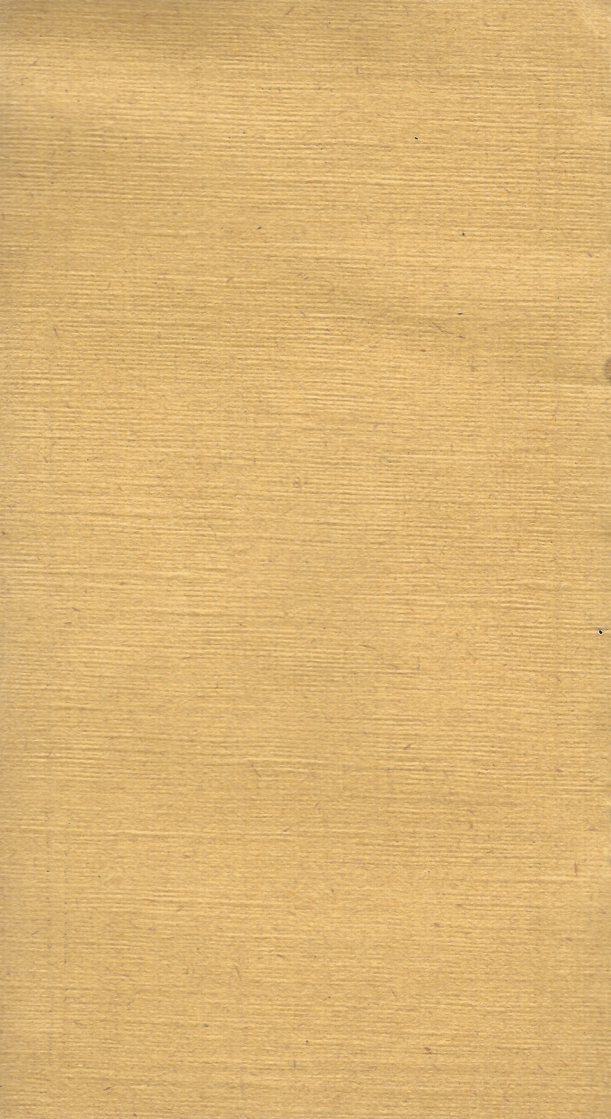


**SUPPLEMENT TO**  
**CATALOG NO. 15**

**TRADE**  
**BONNEY**  
**MARK**

**BONNEY VISE AND TOOL WORKS**  
**Inc.**

**ALLENTOWN, PA., U. S. A.**  
**PHILADELPHIA, PA., U. S. A.**



# **BONNEY VISE AND TOOL WORKS**

**Inc.**

**ALLENTOWN, PA., U. S. A.**

**PHILADELPHIA, PA., U. S. A.**

**Manufacturers of**  
**DROP FORGINGS**  
**VICES AND WRENCHES**  
**of all kinds**



**Supplement to**  
**CATALOG NO. 15**

**Showing additional lines of general purpose and double head angle wrenches, for machinists, farmers and textile uses of all kinds.**

**ESTABLISHED 1876**

**Cable address** **Bonnevise**  
**Phila.**



## GENERAL PURPOSE WRENCHES



22½° ANGLE

For Carriage and Automobile Builders and for General Service in which a long, light wrench is required.

Milled regularly to dimensions shown below.

Can be milled to special combinations when required.

No.	Openings Finished Inches	Extreme Length Inches	Thickness Of Heads Inches	Price Un- finished Each	Price Semi- finished Each	Price Finished Each
500	$\frac{3}{8}$ & $\frac{1}{2}$	6¼	$\frac{7}{32}$	\$0.13	\$0.20	\$0.26
500A	$\frac{3}{8}$ & $\frac{7}{16}$	6¼	$\frac{7}{32}$	.13	.20	.26
500B	$\frac{13}{32}$ & $\frac{1}{2}$	6¼	$\frac{7}{32}$	.13	.20	.26
500C	$\frac{1}{4}$ & $\frac{5}{16}$	6¼	$\frac{7}{32}$	.13	.20	.26
501	$\frac{1}{2}$ & $\frac{5}{8}$	7⅞	$\frac{1}{4}$	.17	.25	.34
501A	$\frac{1}{2}$ & $\frac{9}{16}$	7⅞	$\frac{1}{4}$	.17	.25	.34
501B	$\frac{13}{32}$ & $\frac{11}{16}$	7⅞	$\frac{1}{4}$	.17	.25	.34
501C	$\frac{13}{32}$ & $\frac{1}{2}$	7⅞	$\frac{1}{4}$	.17	.25	.34
502	$\frac{5}{8}$ & $\frac{3}{4}$	8¼	$\frac{5}{16}$	.22	.33	.44
502A	$\frac{9}{16}$ & $\frac{11}{16}$	8¼	$\frac{5}{16}$	.22	.33	.44
502B	$\frac{5}{8}$ & $\frac{11}{16}$	8¼	$\frac{5}{16}$	.22	.33	.44
502C	$\frac{9}{16}$ & $\frac{13}{32}$	8¼	$\frac{5}{16}$	.22	.33	.44
503	$\frac{3}{4}$ & $\frac{7}{8}$	9¼	$\frac{3}{8}$	.28	.42	.56
503A	$\frac{3}{4}$ & $\frac{13}{16}$	9¼	$\frac{3}{8}$	.28	.42	.56
503B	$\frac{25}{32}$ & $\frac{7}{8}$	9¼	$\frac{3}{8}$	.28	.42	.56
503C	$\frac{11}{16}$ & $\frac{3}{4}$	9¼	$\frac{3}{8}$	.28	.42	.56
504	$\frac{7}{8}$ & 1	10⅜	$\frac{7}{16}$	.34	.51	.68
504A	$\frac{15}{16}$ & 1	10⅜	$\frac{7}{16}$	.34	.51	.68
504B	$\frac{7}{8}$ & $1\frac{1}{16}$	10⅜	$\frac{7}{16}$	.34	.51	.68
505	1 & $1\frac{1}{8}$	12	$\frac{1}{2}$	.44	.66	.88
505A	1 & $1\frac{1}{4}$	12	$\frac{1}{2}$	.44	.66	.88
505B	$1\frac{1}{16}$ & $1\frac{1}{4}$	12	$\frac{1}{2}$	.44	.66	.88
505C	$1\frac{1}{8}$ & $1\frac{1}{4}$	12	$\frac{1}{2}$	.44	.66	.88



# GENERAL PURPOSE WRENCHES IN SETS.

EACH SET PACKED IN A CANVAS ROLL  
OR NEAT WOODEN BOX.

## SET A.

Contains 5 wrenches, one each of the following:

No.	Manufac- turers' Stan- dard Nuts, Size Bolts, Inches.	Openings Finished Inches.	Extreme Length Inches.	Thickness of Heads Inches.	Price Un- finished, Each.	Price Semi- finished, Each.	Price Finished, Each.
500	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{1}{2}$	$6\frac{1}{4}$	$\frac{7}{32}$	\$0.13	\$0.20	\$0.26
501	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{2}$ & $\frac{5}{8}$	$7\frac{1}{8}$	$\frac{1}{4}$	.17	.25	.34
502	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$8\frac{1}{4}$	$\frac{5}{16}$	.22	.33	.44
503	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	$9\frac{1}{4}$	$\frac{3}{8}$	.28	.42	.56
504	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{8}$ & 1	$10\frac{3}{8}$	$\frac{7}{16}$	.34	.51	.68

PRICES		Packed in Canvas Rolls.	Packed in Wooden Boxes.
Finished.....	Per Set	\$2.73	\$2.45
Semi-Finished.....	Per Set	2.16	1.85
Unfinished.....	Per Set	1.59	1.30

## SET B.

Contains 3 Wrenches, one each of the following:

No.	Manufac- turers' Stan- dard Nuts, Size Bolts, Inches.	Openings Finished, Inches.	Extreme Length, Inches.	Thickness of Heads, Inches.	Price Un- finished, Each.	Price Semi- finished, Each.	Price Finished, Each.
500	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{1}{2}$	$6\frac{1}{4}$	$\frac{7}{32}$	\$0.13	\$0.20	\$0.26
502	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$8\frac{1}{4}$	$\frac{5}{16}$	.22	.33	.44
504	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{8}$ & 1	$10\frac{3}{8}$	$\frac{7}{16}$	.34	.51	.68

PRICES		Packed in Canvas Rolls.	Packed in Wooden Boxes.
Finished.....	Per Set	\$1.83	\$1.54
Semi-Finished.....	Per Set	1.49	1.20
Unfinished.....	Per Set	1.14	.85

For other sets see page 15, Catalog No. 15

# GENERAL PURPOSE WRENCHES

## IN SETS—CONTINUED

**SET C.**

Contains 3 Wrenches, one each of the following:

No.	U. S. Standard Nuts, Size Bolts, Inches.	Openings Finished Inches.	Extreme Length, Inches.	Thickness of Heads Inches.	Price Unfinished, Each.	Price Semi-finished, Each.	Price Finished, Each.
500B	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{13}{32}$ & $\frac{1}{2}$	$6\frac{1}{4}$	$\frac{7}{32}$	\$0.13	\$0.20	\$0.26
501B	$\frac{1}{8}$ & $\frac{3}{8}$	$\frac{19}{32}$ & $\frac{11}{8}$	$7\frac{1}{8}$	$\frac{3}{4}$	.17	.25	.34
503B	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{25}{32}$ & $\frac{7}{8}$	$9\frac{1}{4}$	$\frac{3}{8}$	.28	.42	.56

PRICES		Packed in Canvas Rolls.	Packed in Wooden Boxes.
Finished.....	Per Set	\$1. 61	\$1. 33
Semi-Finished.....	Per Set	1. 32	1. 02
Unfinished.....	Per Set	1. 03	.74

**SET D.**

Contains 5 Wrenches, for A. L. A. M. Standard Nuts and Cap Screws, one each of the following:

No.	For A. L. A. M. Standard Nuts and Cap Screws, Size of Bolts, or Cap Screws.	Openings Finished, Inches.	Extreme Length, Inches.	Thickness of Heads Inches.	Price Unfinished, Each.	Price Semi-finished, Each.	Price Finished, Each.
500	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{3}{8}$ & $\frac{1}{2}$	$6\frac{1}{4}$	$\frac{7}{32}$	\$0.13	\$0.20	\$0.26
502A	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{13}{16}$	$8\frac{1}{4}$	$\frac{1}{2}$	.22	.33	.44
503	$\frac{1}{2}$ & $\frac{3}{4}$	$\frac{3}{4}$ & $\frac{7}{8}$	$9\frac{1}{4}$	$\frac{3}{8}$	.28	.42	.56
504A	$\frac{5}{8}$ & $1$	$1\frac{1}{8}$ & $1$	$10\frac{3}{8}$	$\frac{1}{2}$	.34	.51	.68
505C	$\frac{3}{4}$ & $\frac{7}{8}$	$1\frac{1}{8}$ & $1\frac{1}{4}$	12	$\frac{1}{2}$	.44	.66	.88

PRICES		Packed in Canvas Rolls	Packed in Wooden Boxes.
Finished.....	Per Set	\$3. 27	\$2. 99
Semi-Finished.....	Per Set	2. 57	2. 27
Unfinished.....	Per Set	1. 86	1. 57

# GENERAL PURPOSE WRENCHES IN SETS—CONTINUED

## SET E.

Contains 6 Wrenches, twelve much used openings, no duplicates as follows:

No.	Openings Finished Inches.	Extreme Length, Inches.	Thickness of Heads Inches.	Price Un- finished, Each.	Price Semi- finished, Each.	Price Finished, Each.
500A	$\frac{3}{8}$ & $\frac{7}{16}$	$6\frac{1}{4}$	$\frac{7}{32}$	\$0.13	\$0.20	\$0.26
501A	$\frac{1}{2}$ & $\frac{9}{16}$	$7\frac{1}{8}$	$\frac{1}{4}$	.17	.25	.34
502B	$\frac{5}{8}$ & $\frac{11}{16}$	$8\frac{1}{4}$	$\frac{5}{16}$	.22	.33	.44
503A	$\frac{3}{4}$ & $\frac{13}{16}$	$9\frac{1}{4}$	$\frac{3}{8}$	.28	.42	.56
504	$\frac{7}{8}$ & 1	$10\frac{3}{8}$	$\frac{7}{16}$	.34	.51	.68
505C	$1\frac{1}{8}$ & $1\frac{1}{4}$	12	$\frac{1}{2}$	.44	.66	.88

PRICES		Packed in Canvas Rolls.	Packed in Wooden Boxes.
Finished.....	Per Set	\$3.61	\$3.33
Semi-Finished.....	Per Set	2.82	2.52
Unfinished.....	Per Set	2.03	1.74

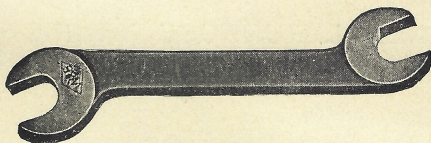
## SET F.

Contains 6 wrenches, twelve openings, no duplicates, as follows:

No.	Openings Finished Inches	Extreme Length Inches	Thickness of Heads Inches	Price Un- finished Each	Price Semi- finished Each	Price Finished Each
500C	$\frac{1}{4}$ & $\frac{5}{16}$	$6\frac{1}{4}$	$\frac{7}{32}$	\$0.13	\$0.20	\$0.36
500A	$\frac{3}{8}$ & $\frac{7}{16}$	$6\frac{1}{4}$	$\frac{7}{32}$	.13	.20	.26
501C	$\frac{1}{2}$ & $\frac{9}{16}$	$7\frac{1}{8}$	$\frac{1}{4}$	.17	.25	.34
502C	$\frac{5}{8}$ & $\frac{11}{16}$	$8\frac{1}{4}$	$\frac{5}{16}$	.22	.33	.44
503C	$\frac{3}{4}$ & $\frac{13}{16}$	$9\frac{1}{4}$	$\frac{3}{8}$	.28	.42	.56
504B	$\frac{7}{8}$ & $1\frac{1}{8}$	$10\frac{3}{8}$	$\frac{7}{16}$	.34	.51	.68

PRICES		Packed in Canvas Rolls	Packed in Wooden Boxes
Finished.....	Per Set	\$2.99	2.70
Semi-Finished.....	Per Set	2.36	2.07
Unfinished.....	Per Set	1.72	1.43





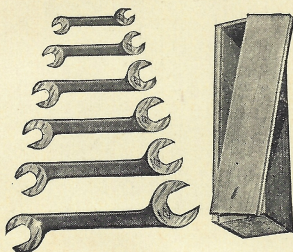
## DOUBLE HEAD ANGLE WRENCHES 22½° ANGLE

Number.	NUTS FOR U.S.S. BOLTS.		SET SCREWS.		SQ. HEAD CAP SCREWS.		HEX. HEAD CAP SCREWS.		Extreme Length, Inches.	Thickness of Heads, Inches.	Price Unfinished, Each.	Price Semi-Finished, Each.	Price Finished, Each.
	Bolt Sizes, Inches.	Milled Openings for Nuts, Inches.	Diam. of Screw, Inches.	Milled Openings for Heads, Inches.	Diam. of Screw, Inches.	Milled Openings for Heads, Inches.	Diam. of Screw, Inches.	Milled Openings for Heads, Inches.					
600	3/16-1/4	13/32-1/2	3/8-7/16	3/8-7/16	1/4-5/16	3/8-7/16	3/16-1/4	3/8-7/16	4 1/2	1 1/4	\$0.15	\$0.23	\$0.30
601	1/8-1/4	13/32-1/2	3/8-7/16	3/8-7/16	1/4-3/8	3/8-7/16	3/16-1/4	3/8-7/16	4 1/2	1 1/4	.15	.23	.30
602	1/8-1/4	13/32-1/2	3/8-7/16	3/8-7/16	1/4-3/8	3/8-7/16	3/16-1/4	3/8-7/16	4 1/2	1 1/4	.15	.23	.30
603	1/8-1/4	13/32-1/2	3/8-7/16	3/8-7/16	1/4-3/8	3/8-7/16	3/16-1/4	3/8-7/16	4 1/2	1 1/4	.15	.23	.30
604	1/4-1/8	1 1/2-3/2	1/2-1 1/8	1/2-1 1/8	3/8-7/16	1/2-1 1/8	1/2-3/8	1/2-1 1/8	5 3/4	3 3/4	.20	.30	.40
605	1/4-1/8	1 1/2-3/2	1/2-1 1/8	1/2-1 1/8	3/8-7/16	1/2-1 1/8	1/2-3/8	1/2-1 1/8	5 3/4	3 3/4	.20	.30	.40
606	1/4-3/8	1 1/2-1 1/2	1/2-5/8	1/2-5/8	3/8-7/16	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
607	1/4-3/8	1 1/2-1 1/2	1/2-5/8	1/2-5/8	3/8-7/16	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
608	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
609	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
610	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
611	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
612	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
613	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
614	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
615	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
616	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
617	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
618	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
619	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
620	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
621	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
622	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40
623	1/2-1/2	1 1/2-1 1/2	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2-7/16	1/2-5/8	5 3/4	3 3/4	.20	.30	.40

# DOUBLE HEAD ANGLE WRENCHES

## IN SETS

Each set packed in a canvas bag or roll, or in a neat wooden box as shown in cuts.



### SET NO. 1.

Contains 6 Wrenches, one each of the following :

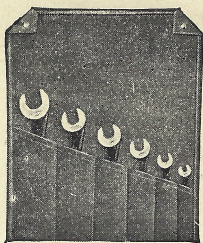
No.	Length, Inches.	Th'kn's of Heads, In.	For Standard Hex. Nuts for Bolts.	UNFINISHED, Milled Openings.		Openings for Semi- finished and Finished.	Price Semi- finished, Each.	Price Finished, Each.
				Size of Openings.	Price.			
550	4 1/2	1/4	3/16 & 1/4	3/8 & 7/16	\$0 15	3/8 & 1/2	\$0 23	\$0 30
551	5 3/4	3/8	1/8 & 3/8	1/2 & 5/8	20	1/2 & 3/4	30	40
552	7	1/2	3/8 & 1/2	1/2 & 3/4	25	1/2 & 3/4	38	50
553	8	3/4	1/2 & 3/4	3/4 & 1 1/8	30	3/4 & 1 1/8	45	60
554	9 1/4	1	3/4 & 1	1 & 1 1/8	38	1 & 1 1/8	57	76
555	10 1/2	1 1/8	1 & 1 1/8	1 1/8 & 1 5/8	50	1 1/8 & 1 5/8	75	1 00

PRICES In Sets		Packed in Canvas Rolls	Packed in Wooden Boxes
Finished	Per Set	\$4.01	\$3.71
Semi-Finished	"	3.13	2.83
Unfinished	"	2.23	1.93

# DOUBLE HEAD ANGLE WRENCHES

## IN SETS

Each set packed in a canvas bag or roll or in a neat wooden box as shown in cuts.



## SET NO. 2

Contains 6 Wrenches, twelve openings, no duplicates, one each of the following :

No.	Openings Finished, Inches	Extreme Length Inches	Thickness of Heads Inches	Price Finished Each	Price Semi- Finished Each	Price Un- finished Each
550A	$\frac{3}{8}$ & $\frac{7}{16}$	4 $\frac{1}{2}$	$\frac{1}{4}$	\$0.30	\$0.23	\$0.15
551A	$\frac{9}{16}$ & $\frac{5}{8}$	5 $\frac{3}{4}$	$\frac{9}{32}$	40	30	20
552A	$\frac{11}{16}$ & $\frac{13}{16}$	7	$\frac{5}{16}$	50	.38	25
553A	$\frac{3}{4}$ & $\frac{15}{16}$	8	$\frac{11}{32}$	.60	.45	.30
554A	$\frac{7}{8}$ & 1	9 $\frac{1}{4}$	$\frac{3}{8}$	76	57	38
555A	1 $\frac{1}{16}$ & 1 $\frac{5}{16}$	10 $\frac{1}{2}$	$\frac{7}{16}$	1 00	75	50

PRICES	Packed in Canvas Rolls	Packed in Wooden Boxes
Finished.....Per Set	\$4.01	\$3.71
Semi-Finished.....Per Set	3.13	2.83
Unfinished.....Per Set	2.23	1.93





TRADE  
**BONNEY**  
MARK